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August 6, 2012

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MR#347598

Via Federal Express

United States Environmental Protection Agency - East  
Attn: TSCA Section 8(e) / Room 6428  
1201 Constitution Avenue, NW  
Washington, DC 20004



**Subject:** Notice in Accordance with TSCA Section 8(e): Results of a Toxicity Study on Green Alga (*Pseudokirchneriella subcapitata*) with [REDACTED]  
[REDACTED]

Dear Section 8(e) Coordinator:

[REDACTED] is submitting results of a Toxicity Study on Green Alga (*Pseudokirchneriella subcapitata*) with [REDACTED], conducted by [REDACTED] (NON-GLP Indicator Study). The test substance is an experimental pesticide.

The test was conducted in a static system over 72 hours according to the following test guidelines: "OECD Guideline for Testing of Chemicals, No. 201 (adopted March 23, 2006): Freshwater Alga and Cyanobacteria, Growth Inhibition Test)".

The following nominal concentrations were tested: 0, 1, 10, 100, 1000 µg/L. Additionally, a negative control (without solvent) was tested.

All test solutions were visibly clear over the entire exposure period. The test substance is a TGA1. Analyses were not carried out.

The following effect concentrations were obtained based on nominal concentrations:

Growth rates

NOEC	=	1.0 µg/L
E <sub>r</sub> C <sub>10</sub> (72 h)	=	1.24 µg/L
E <sub>r</sub> C <sub>50</sub> (72 h)	=	210.2 µg/L

Yield

NOEC	=	1.0 µg/L
E <sub>y</sub> C <sub>10</sub> (72 h)	=	1.02 µg/L
E <sub>y</sub> C <sub>50</sub> (72 h)	=	5.1 µg/L



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**Explanation:**

The **NOEC** is the highest concentration tested with no statistical significant deviation compared to the control.

The **EC<sub>50</sub>** is the concentration calculated at which the growth rate "r" resp. the yield "y" is inhibited by 50%.

[ REDACTED ] understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,

Enclosures